THE MEDICAL THREAT to FIELD FORCES and PREVENTIVE MEDICINE MEASURES

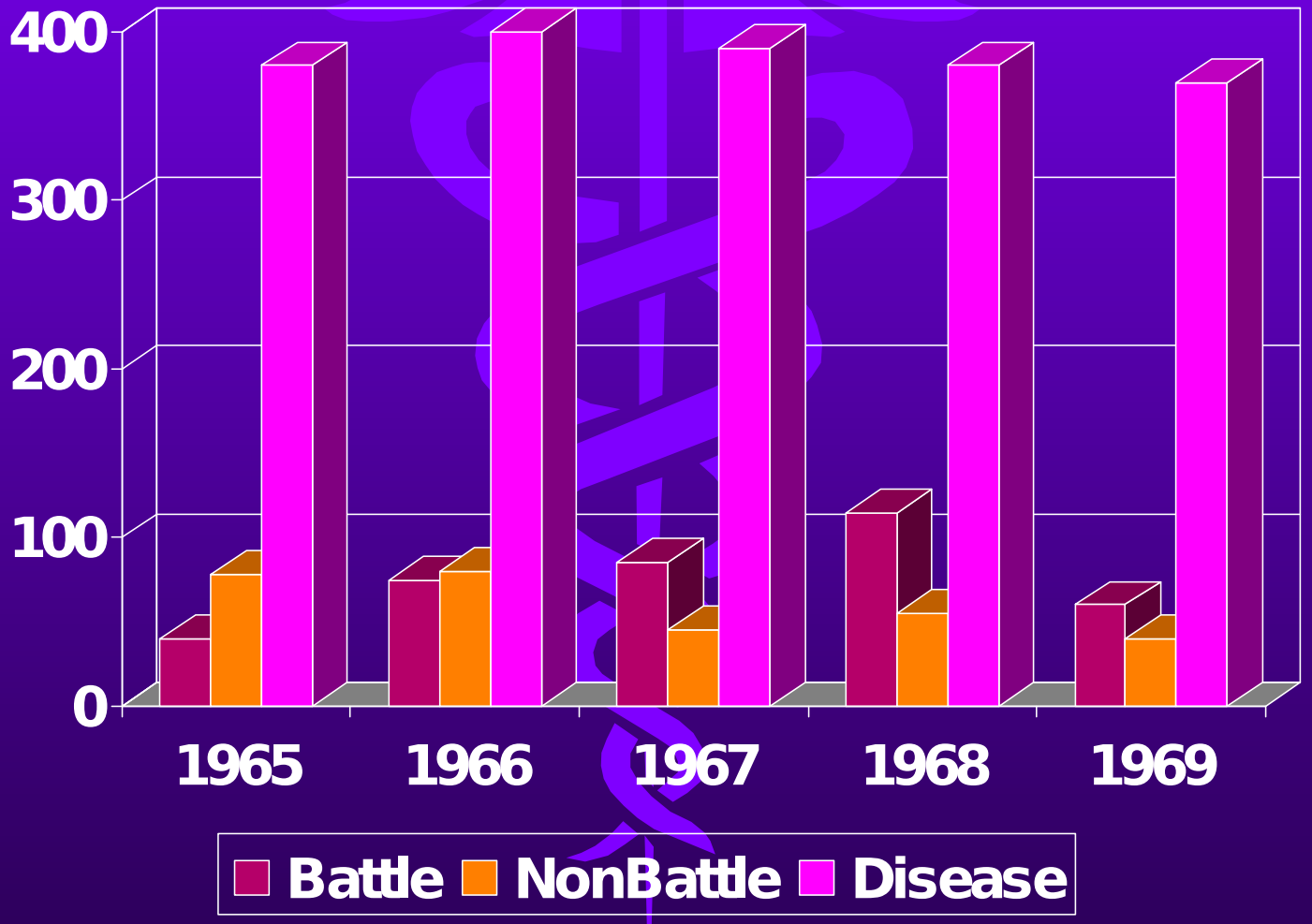
Lesson 1

INTRODUCTION TO THE MEDICAL THREAT TO FIELD FORCES AND PREVENTIVE MEDICINE MEASURES

OBJECTIVES

IMPORTANCE OF FIELD SANITATION TEAMS

HOSPITAL ADMISSIONS



FIELD SANITATION TEAMS

Field Sanitation Team Concept

Concept developed during the latter part of WWII when it became apparent preventive medicine expertise was needed at the unit level.

THE FIELD SANITATION TEAM

- The first field sanitation team was established during WWII.
- The control of malaria and other arthropod-borne diseases was beyond the capability of existing engineer and medical units, so commanders of company-size units were required to appoint malaria control details.

LEBANON
INTERVENTION
(1958)
SYRIA
ASH
SHAMAL
JABAL
LUBNAN
AL BIQA'
BEIRUT
AL JANUB
SYRIA
ISRAEL
DAMASCUS

LEBANON - 1958

Widespread health problems led to creation of FST

FIELD SANITATION TEAM CONCEPT

Training enabled unit commander to provide for control of insects, proper disinfection of water, and safe food supplies and

MEDICAL THREAT TO FIELD FORCES

MEDICAL THREAT COMPONENTS

- HEAT - the most lethal

YOM KIPPUR WAR IN 1967

- 20,000 Arab head casualties
- 128 Israeli heat casualties

MEDICAL THREAT COMPONENTS

- HEAT - the most lethal
- COLD

EXTRA!!! The Times EXTRA!!!

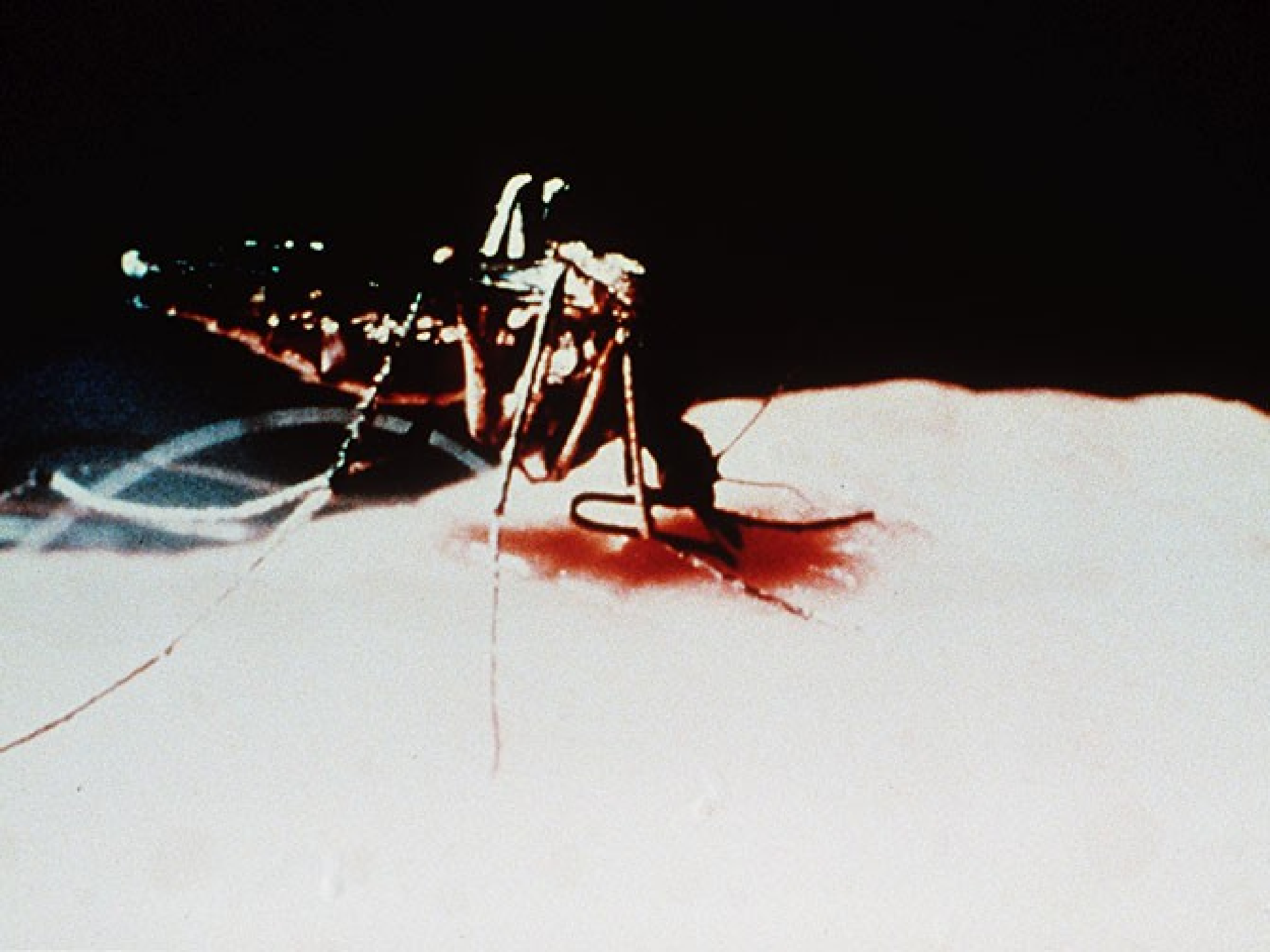
Twenty, Friday 19, 1982 Twenty, Friday 19, 1982

BRITS INVADE FALKLANDS!

777 CASUALTIES
109 COLD INJURIES

MEDICAL THREAT COMPONENTS

- HEAT - the most lethal
- COLD
- BITING INSECTS



MEDICAL THREAT COMPONENTS

- HEAT - the most lethal
- COLD
- BITING INSECTS
- DIARRHEA

I'D RATHER
FIGHT THAN...

BRIGHT STAR - 1980

30% if U.S. forces infected with shigellosis

REASONS FOR VULNERABILITY

- Harshness of the environment

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- Body's natural defenses reduced by fatigue/exposure

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- Harshness of the environment
- Body's natural defenses reduced by fatigue/exposure
- Breakdown in basic sanitation

THE INDIVIDUAL IN THE FIELD ENVIRONMENT

ROLE OF THE FIELD SANITATION TEAM

BASIC PREVENTIVE MEDICINE MEASURES

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- Water disinfection

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- Water disinfection
- Food service sanitation

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- Waste disposal

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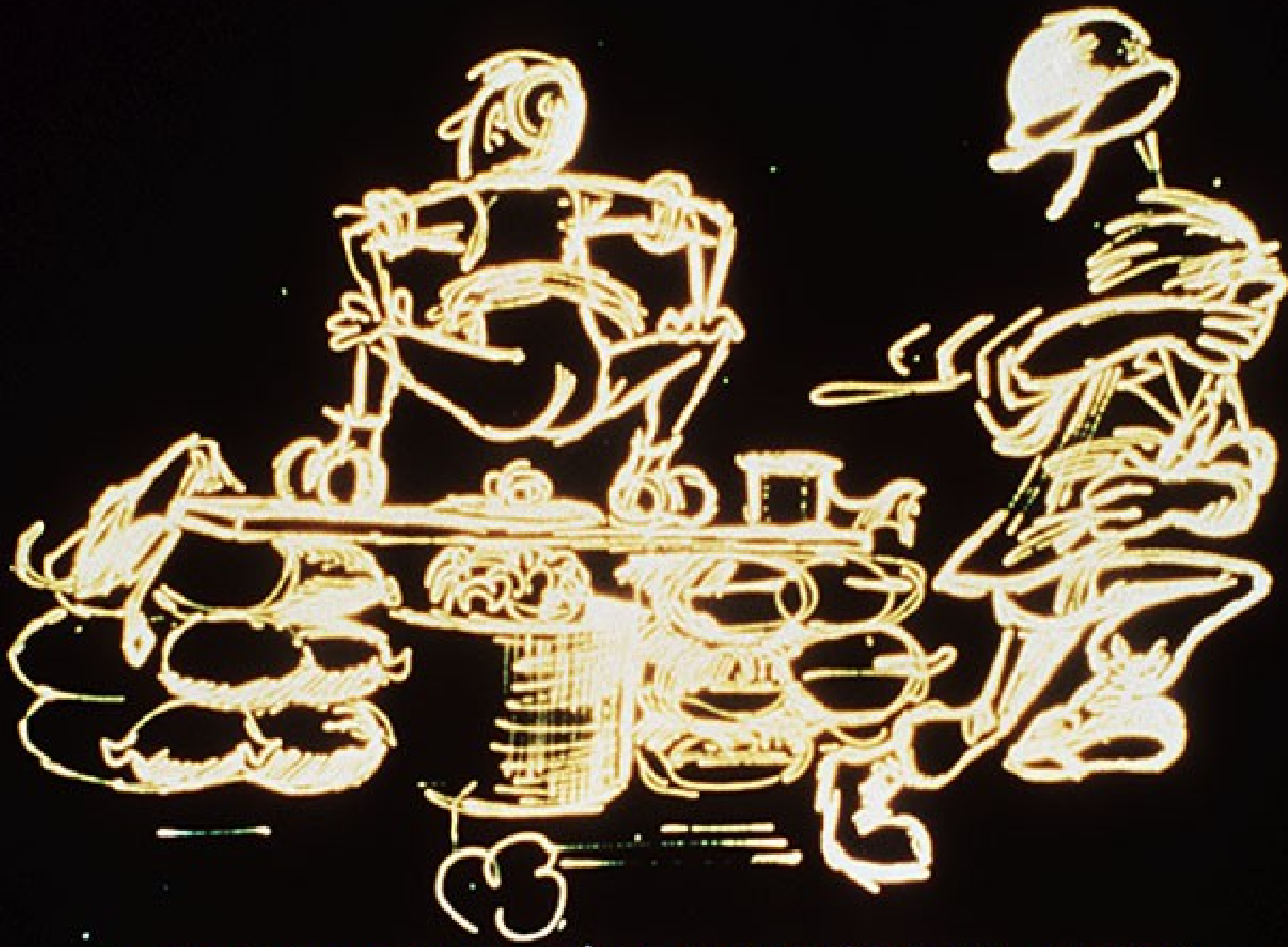
- Personal hygiene

BASIC PREVENTIVE MEDICINE MEASURES

- Water disinfection
- Food service sanitation
- Waste disposal
- Personal hygiene
- Individual preventive medicine measures

PREVENTIVE MEDICINE MEASURES AGAINST ARTHROPODS AND RODENTS

- Basic sanitation measures



"I THINK IT'S TIME TO BURN-OUT THE BURN-OUT LATRINE."

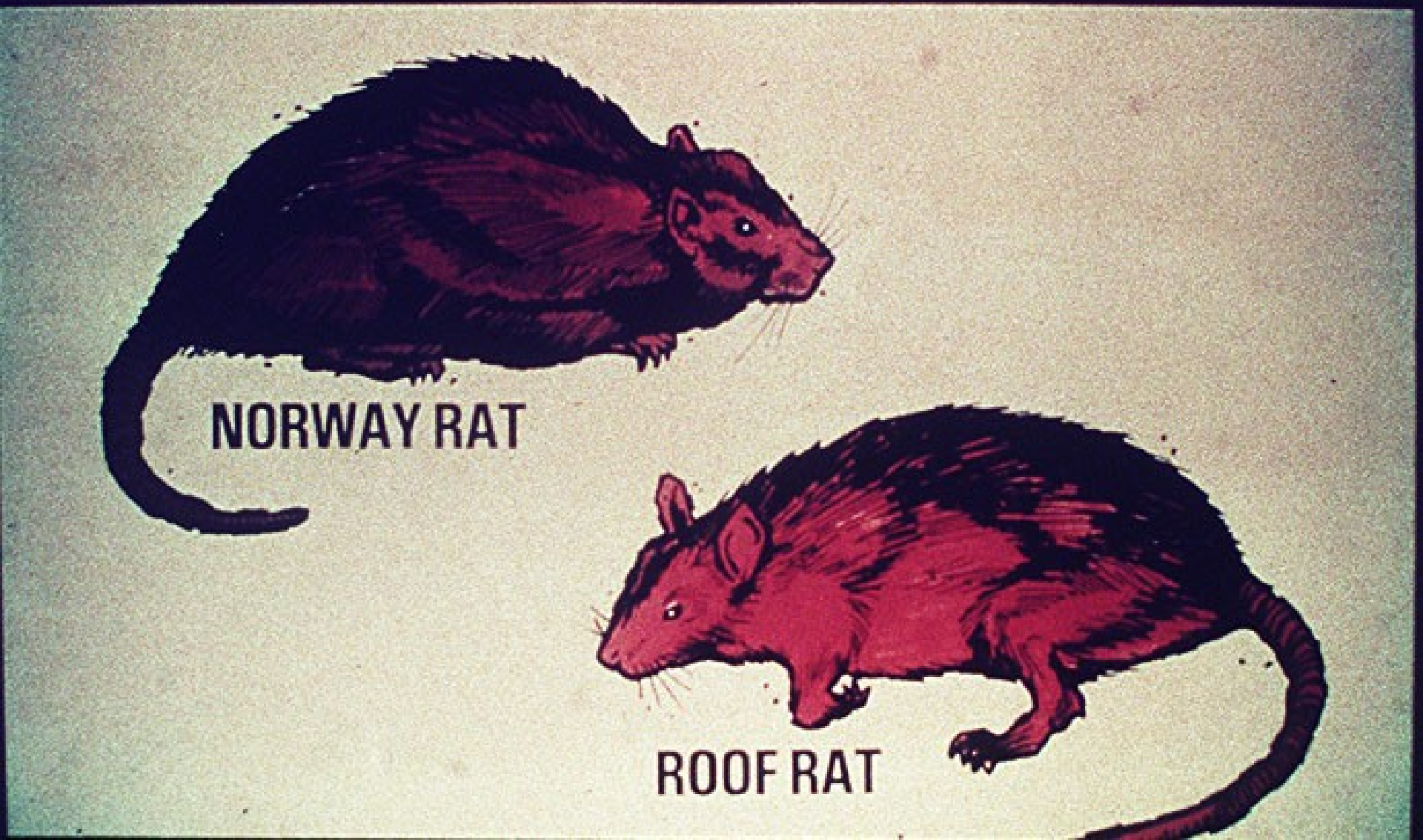
PREVENTIVE MEDICINE MEASURES AGAINST ARTHROPODS AND RODENTS

- Basic sanitation measures
- Individual protective measures

PREVENTIVE MEDICINE MEASURES AGAINST ARTHROPODS AND RODENTS

- Basic sanitation measures
- Individual protective measures
- Mechanical and chemical controls

COMMON DOMESTIC RODENTS



REVIEW OF MAIN POINTS